CLAIMS

1. A method of completing a well, comprising:

running in a tubular string into a cased borehole;

expanding a portion of said tubular into supporting contact with the casing;

delivering a sealing material through at least one opening in said tubular, with said tubular so supported;

closing off said opening.

2. The method of claim 1, further comprising:

expanding said tubular to accomplish said closing after said delivering of said sealing material.

3. The method of claim 2, further comprising:

using said expanding to close off said opening to accomplish a seal between said tubular and said casing.

4. The method of claim 3, further comprising:

providing a seal downhole of said opening as a backup seal to any seal formed by said expanding.

5. The method of claim 1, further comprising:

pushing said opening against the casing to close it.

6. The method of claim 2, further comprising:

accomplishing said running in, supporting, delivering a sealing material, and closing of said opening by expansion, all in a single trip into the well.

7. A method of completing a well, comprising:

running a tubular string into a cased borehole;

expanding portions of said tubular string into contact with the casing for support thereof;

leaving gaps between said tubular string and said casing, with said tubular string supported to said casing;

using said gaps for passage of a sealing material;

closing said gaps.

8. The method of claim 7, further comprising:

providing longitudinal contact between said tubular string and said cased borehole;

defining said gaps as passages between said longitudinal contacts between said tubular string and said cased wellbore.

9. The method of claim 8, further comprising:

using a fluted expansion swage to create said longitudinal contact for support of said tubular string;

providing offset flutes on said swage, located one above another;

using lowermost flutes to create said longitudinal contact;

using offset flutes to subsequently remove said gaps after passage of said sealing material.

10. The method of claim 9, further comprising:

offsetting said offset flutes about 90° from said lowermost flutes.

11. The method of claim 7, further comprising:

accomplishing said running in, expanding, leaving gaps, passage of said sealing material, and closing said gaps in a single trip into the wellbore.

12. The method of claim 7, further comprising:

providing a seal between said tubular string and said cased borehole by said closing of said gaps.

13. The method of claim 1, further comprising:

using full circumferential contact for said supporting contact.

14. The method of claim 13, further comprising:

providing a valve with said opening;

operating said valve to close off said opening.

15. The method of claim 14, further comprising:

providing a sliding sleeve on said tubular string as said valve.

16. A method of completing a well, comprising:

running in a tubular string into a cased borehole;

inserting at least one gripping member between said tubular string and said cased borehole to support said tubular string;

leaving a gap adjacent said gripping member;

flowing a sealing material through said gap;

sealing said gap.

17. The method of claim 16, further comprising:

expanding said tubular string uphole of said gripping member as said sealing said gap.

18. The method of claim 17, further comprising:

providing a plurality of locking elements to support said tubular string;

wedging said elements in a spaced relation to each other to create longitudinal gaps between said tubular string and said cased borehole for flow of said sealing material.

19. The method of claim 18, further comprising:

wedging said elements below the top end of said tubular string;

expanding said tubular string between said top end and said elements into sealing contact with said cased borehole.

20. The method of claim 16, further comprising:

accomplishing said running in, inserting the gripping member, leaving a gap, flowing the sealing material, and sealing said gap in a single trip in the well.

21. The method of claim 7, further comprising:

running in with a swage inside said tubular string;

supporting said tubular string while moving said swage uphole to expand portions of said tubular string into contact with said cased borehole for support thereof.

22. The method of claim 21, further comprising:

locating a force transfer member inside said tubular string during run-in;

transferring an expansion force from said swage through said force transfer member to said tubular string for said expansion into said cased borehole for support thereof.

23. The method of claim 22, further comprising:

configuring said swage to force said gaps closed through a force transfer through a sleeve which serves as said force transfer member.

24. The method of claim 9, further comprising:

running in with a swage inside said tubular string;

supporting said tubular string while moving said swage uphole to expand portions of said tubular string into contact with said cased borehole for support thereof.

25. The method of claim 24, further comprising:

locating a force transfer member inside said tubular string during run-in;

transferring an expansion force from said swage through said force transfer member to said tubular string for said expansion into said cased borehole for support thereof.

26. The method of claim 25, further comprising:

configuring said swage to force said gaps closed through a force transfer through a sleeve which serves as said force transfer member.

27. The method of claim 7, further comprising:

reducing the diameter of a part of a tubing string whose original dimension, on said part thereof, was at least as large as the inside diameter of a cased wellbore, to an outer dimension small enough to fit into said cased borehole.

28. The method of claim 27, further comprising:

expanding said portion of said tubing string to its said original dimension to close said gaps;

providing said original dimension as larger than the inside dimension of said cased wellbore;

sealing between said tubing string and said cased wellbore by forcing said portion of said tubular string into circumferential contact with said cased wellbore.